

Title (en)

HEAT-TRANSFER DEVICE FOR USE IN A CONVECTIVE-HEAT INSTALLATION, IN PARTICULAR A CONVECTIVE-HEAT SOLDERING INSTALLATION

Title (de)

VORRICHTUNG ZUR WÄRMEÜBERTRAGUNG IN EINER KONVEKTIONSWÄRMEANLAGE, INSBESONDERE IN EINER KONVEKTIONSLÖTANLAGE

Title (fr)

DISPOSITIF POUR TRANSFERER DE LA CHALEUR DANS UNE INSTALLATION DE CHAUFFAGE PAR CONVECTION, NOTAMMENT DANS UNE INSTALLATION DE BRASAGE PAR CONVECTION

Publication

**EP 0734303 B1 20030502 (DE)**

Application

**EP 95905064 A 19941214**

Priority

- DE 4342634 A 19931214
- EP 9404143 W 19941214

Abstract (en)

[origin: WO9516537A1] The heat-transfer device proposed has a hollow body containing a heated fluid which transfers heat through the wall of the hollow body to the items being soldered. The advantages of the invention reside in the fact that the maximum oven temperature can be precisely controlled, the heat generated is very rapidly assimilated, the items being soldered are treated without deterioration and the temperature of the soldered items/soldering-equipment system does not overshoot.

IPC 1-7

**B23K 1/008**

IPC 8 full level

**H05B 3/00** (2006.01); **B23K 1/008** (2006.01); **H05K 3/34** (2006.01)

CPC (source: EP US)

**B23K 1/008** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**DE 4342634 A1 19950622**; DE 59410280 D1 20030605; EP 0734303 A1 19961002; EP 0734303 B1 20030502; JP H09506740 A 19970630; US 5893709 A 19990413; WO 9516537 A1 19950622

DOCDB simple family (application)

**DE 4342634 A 19931214**; DE 59410280 T 19941214; EP 9404143 W 19941214; EP 95905064 A 19941214; JP 51652994 A 19941214; US 66305396 A 19960826